

# Asia-Pacific Graphic Processing Unit Market (2016 - 2022)

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## Abstracts

A graphics processing unit (GPU) is a fully dedicated electronic circuit which is designed to deploy and modify memory to accelerate the display and creation of images. The adoption of GPU enables the creation of intricate shapes, complex optical effects, and seamless motion to deliver enhanced images much faster than traditional methods. The use of GPU's in portable electronics devices such as smartphones, tablets, gaming consoles, etc. was the major reason for the market position. Dedicated GPUs however are extensively used in places intensive graphic computing is required such as workstations, supercomputers, high graphic design software, and AI platforms. Hybrid GPU would be the fastest growing segment within the GPU market, due to its ability to function as both dedicated as well as integrated GPU.

Rapidly changing graphic games, growing demand for augmented reality (AR) and virtual reality (VR) and trending artificial intelligence (AI) would be the fundamental factors that would supplement the market growth during the forecast period. The ubiquitous influence of GPU for AI platforms would be apparent, and would be perfect solution for reducing present shortcomings of breakdown & losing vital data.

Based on the type, the Graphic Processing Unit market is segmented into Integrated, Dedicated and Hybrid. Based on the Device, the market is segmented into Smartphone, Computer, Gaming Console, Television, Tablets and Others. The verticals covered under the report include Electronics, Telecom & IT, Defense & Intelligence, Media & Entertainment and Others.

Based on Country, Asia-Pacific Graphic Processing Unit market is segmented into China, Japan, India, South Korea, Singapore, Taiwan and Rest of Asia-Pacific. China remained the dominant Country in the Asia-Pacific Graphic Processing Unit market in

2015. India and South Korea would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Graphics Processing Unit market. Key companies profiled in the report include IBM Corporation, Samsung Electronics Co. Ltd., Fujitsu Limited, Intel Corporation, NVIDIA Corporation., Advanced Micro Devices, Inc., Taiwan Semiconductor Manufacturing Company, Limited, ARM Holdings plc. and Broadcom Corporation.

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